

What is claimed is:

1. A manufacturing method for an armature including an arm holding a printing wire, and magnetic circuit forming members attached to the arm, the method comprising:

5 a parts combining process for placing the magnetic circuit forming members on the arm with a resistive layer of a resistive material having high electric resistance sandwiched between the arm and each of the magnetic circuit forming members; and

10 a welding process for welding together the arm and the magnetic circuit forming members with the resistive films sandwiched between the arm and the magnetic circuit forming members by spot welding.

2. A manufacturing method according to claim 1, wherein
15 in the parts combining process, the magnetic circuit forming members are respectively mounted so as to be held by opposite side surfaces of the arm.

3. A manufacturing method according to claim 1 further comprising a plating process for plating the arm and the
20 magnetic circuit forming members prior to the parts combining process.

4. A manufacturing method according to claim 3, wherein in the plating process, a nickel film is deposited on the arm and the magnetic circuit forming members by electroplating.

25 5. A manufacturing method according to claim 1 further

comprising a carburizing process for carburizing the arm and the magnetic circuit forming members prior to the parts combining process.

5 6. A manufacturing method according to claim 1 further comprising a parts forming process for forming the arm and the magnetic circuit forming members respectively of different materials prior to the parts combining process.

10 7. A manufacturing method according to claim 6, wherein the arm is formed of a carbon tool steel, and the magnetic circuit forming members are formed of a silicon steel.

8. A manufacturing method according to claim 1 further comprising:

15 a part forming process for forming through holes that are used as fitting holes in the arm and the magnetic circuit forming members prior to the parts combining process; and

a temporary assembly process for temporarily assembling the arm and the magnetic circuit forming members by pressing a fitting pin into the fitting holes after the parts combining process and before the welding process.

20 9. A manufacturing method according to claim 8 further comprising a plating process for plating the arm, the magnetic circuit forming members, and the fitting pin prior to the parts combining process.